

CMTS 2-00 Cable Modem Termination System | 32x8



- ✓ Feeding in Internet services in small cable systems
- ✓ According to DOCSIS and EuroDOCSIS 3.0 / 2.0
- ✓ For up to 512 modems
- ✓ 32 downstream channels
- ✓ 8 upstream channels
- ✓ 1600 Mbps in the downstream
- ✓ 240 Mbps in the upstream
- ✓ Web-based configuration
- ✓ Supports SNMP
- ✓ 19" housing, 1RU

Order information

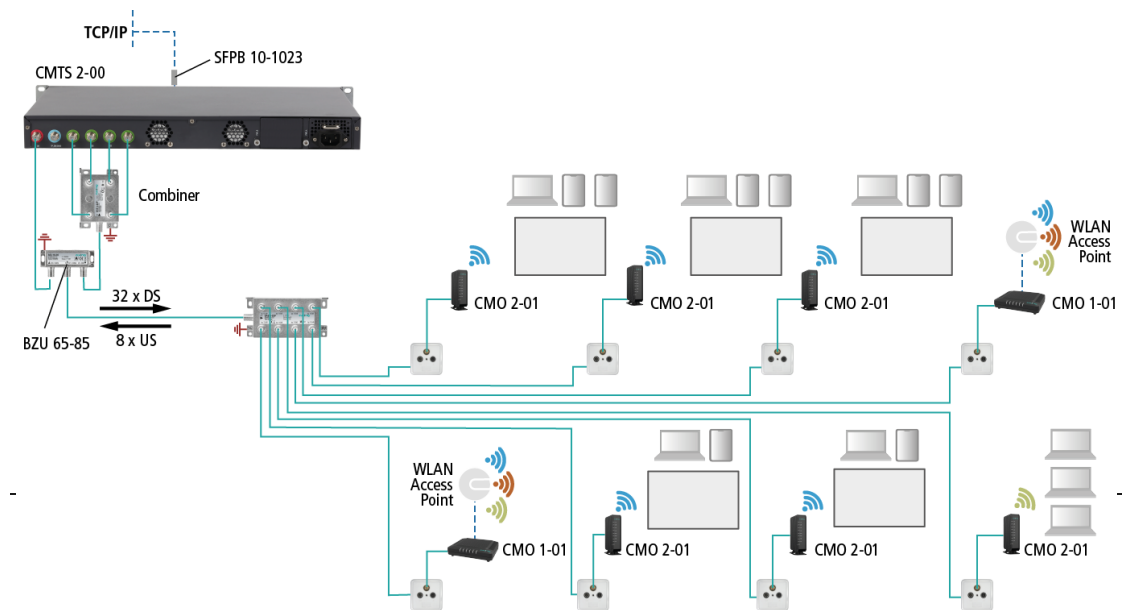
Type	CMTS 2-00
Order no.	CMTS00200
GTIN	7611682007206
PE	1
VE	1
EU customs tariff number	85176200



Technical data

Max. number of modems in the network	512
Downstream	
Number of channels	32
Data rate	1600 Mbps
Frequency range	87...1002 MHz
Channel bandwidth	6 MHz / 8 MHz
Modulation	QAM64, QAM256
Output level	40 dBmV = 100 dBμV @ 32 chs 43 dBmV = 103 dBμV @ 16 chs 46 dBmV = 106 dBμV @ 8 chs 49 dBmV = 109 dBμV @ 4 chs 52 dBmV = 112 dBμV @ 2 chs 55 dBmV = 115 dBμV @ 1 ch
MER	≥39 dB @ Equalizer off ≥43 dB @ Equalizer on
Upstream	
Number of channels	8
Data rate	240 Mbps
Frequency range	5...65 MHz
Channel bandwidth	1.6 MHz / 3.2 MHz / 6.4 MHz
Reception level range	-7...+23 dBmV = +53 ... +83 dBμV @ 6.4 MHz -10...+20 dBmV = +50 ... +80 dBμV @ 3.2MHz -13...+17 dBmV = +47 ... +77 dBμV @ 1.6MHz
Demodulation	QPSK, QAM16, QAM32, QAM64
Interfaces	
Internet	1 x 10GE SFP+
Ethernet connectors (LAN)	1 x RJ45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	1 x 115200 bps
Connectors	
Connector type	F-female
Return loss	≥13 dB
General	
Operating voltage	90...264 VAC 47...63Hz
Power consumption	70 W
Operating temperature range	0...+40°C
Operating humidity (non-condensing)	10...90%
Dimensions (W x H x D) appr.	483 mm x 44 mm x 300 mm
Weight	<4.500 kg (with one power supply unit)

Example of use



Suitable products

[CMO 1-98R Cable modem DOCSIS/EuroDOCSIS](#)

[CMO 2-98R Cable gateway DOCSIS/EuroDOCSIS | Wi-Fi](#)

[BZU 65-85 Diplexer 65/85 MHz](#)

[CZU 2-00 Additional power supply unit CMTS 2-00](#)

[CZU 3-00 Startup kit with accessories for CMTS 2-00](#)

[SFPB 10-1023 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1270 nm | RX 1330 nm](#)

[SFPB 10-1032 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1330 nm/RX 1270 nm](#)

[SFPB 10-2023 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1270 nm | RX 1330 nm](#)

[SFPB 10-2032 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1330 nm/RX 1270 nm](#)